

ABSTRACT

PUNCHING MACHINE

The punching machine comprises a base frame which defines an upper horizontal work table for working metal sheets and bars, an operating turret positioned above said work table and housing a punching ram, a first support member for at least one male punch holder driven rotationally by a respective first motor assembly and supported on said turret in vertical alignment below said punching ram, a second support member for a female die holder inserted in said work table in vertical alignment with said first support member and driven rotationally by a respective second motor assembly synchronised with said first motor assembly, at least one element for selection and contact with a male punch interposed between said ram and said male punch holder driven rotationally by a respective third motor assembly; said male punch holder and female die holder can be driven by respective drive arrangements with synchronous rotational movement around a common vertical axis relative to said first support member and said second support member.

Figure 1 to accompany the abstract upon publication.